

11/4/02

To: MACK HAYNES

Re: 10/050,537 US 6,016,028

Attached are search results.

**No U. S. litigation was found in searches of
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please
let me know.**

**Thanks,
Darcy Bates
STIC-EIC2800
306-5419
CP4-9C 18**

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 8/27/01 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, CP4-9C18, 306-5429.

Date 10-31-02 Serial # 08-914118 Priority Application Date _____

Your Name 17-22 HATNED Examiner # 308-5460

AU _____ Phone _____ Room CP4-6607

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search, please prioritize in order of need.

The EIC searcher normally will contact you before beginning a prior art search. If you would like to sit with a searcher for an interactive search, please notify one of the searchers.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements. _____

What types of references would you like? Please checkmark:

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Secondary Refs _____ Foreign Patents _____

Teaching Refs _____

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

PN:- 6016028

Li, P, G, J, S Search

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Searcher: _____

Searcher Phone: _____

Searcher Location: STIC-EIC2800, CP4-9C18

Date Searcher Picked Up: _____

Date Completed: _____

Searcher Prep/Rev Time: _____

Online Time: _____

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Other _____

Vendors

STN _____

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Lexis-Nexis _____

WWW/Internet _____

Other _____

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#) ⓘTerms: **patno=6016028** ([Edit Search](#))

08914118 (08) 6016028 January 18, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT
6016028[Access PDF of Official Patent.](#) (Note: Cost incurred in a later step)

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January 18, 2000

Glass bulb for color picture tube and the same tube

REISSUE: January 18, 2002 - Reissue Application filed Ex. Gp.: 2879; Re. S.N.
10/050,537 April 16, 2002

INVENTOR: Iguchi, Yukinobu, Kanagawa, JPX; Utsumi, Ichiro, Kanagawa, JPX; Saita, Koji,
Kanagawa, JPX

APPL-NO: 08914118 (08)

FILED-DATE: August 19, 1997

GRANTED-DATE: January 18, 2000

PRIORITY: August 23, 1996 - 8-241364, Japan (JP)

ASSIGNEE-AT-ISSUE: Sony Corporation, JPX

ASSIGNEE-AFTER-ISSUE: January 20, 1998 - ASSIGNMENT OF ASSIGNOR'S INTEREST
(SEE DOCUMENT FOR DETAILS)., SONY CORPORATION 7-35 KITASHINAGAWA 6-CHOME,
SHINAGAWA-KU TOKYO, JAPAN,, Reel and Frame Number: 008927/0141

LEGAL-REP: Kananen, Ronald P.Rader, Fishman & Grauer

PUB-TYPE: January 18, 2000 - Utility Patent having no previously published pre-grant
publication (A)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 313#402

US-ADDL-CL: 220#210A, 313#408, 313#461, 313#477R, 313#479

SEARCH-FLD: 313##402 , 313##403 , 313##404 , 313##407 , 313##408 , 313##461 ,
313##473-74 , 313##477 R , 313##478-79 , 220##21 A , 220##23 A , 220##21 R ,
220##23 R

IPC-MAIN-CL: H 01J029#80

IPC ADDL CL: H 01J029#10, H 01J031#0, H 01J061#30



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patno=6016028

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11/4/02

US 6,016,028

10/050537

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Selected file: PLUSPAT /

Search statement 6

?us6016028/pn

** SS 6: Results 1

Search statement 7

?prt fu legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT

PN - US6016028 A 20000118 [US6016028]

TI - (A) Glass bulb for color picture tube and the same tube

PA - (A) SONY CORP (JP)

IN - (A) IGUCHI YUKINOBU (JP); UTSUMI ICHIRO (JP); SAITA KOJI (JP)

AP - US91411897 19970819 [1997US-0914118]

PR - JP24136496 19960823 [1996JP-0241364]

IC - (A) H01J-029/10 H01J-029/80 H01J-031/00 H01J-061/30

EC - H01J-029/86B

PCL - ORIGINAL (O) : 313402000; CROSS-REFERENCE (X) : 220002100A 313408000
313461000 313477000R 313479000

DT - Corresponding document

CT - US4570101; US4777401; US5151627; US5216321; US5536995; US5552663;
US5606217; EP0239083 A2; EP0281379 A2; EP0612094 A1

STG - (A) United States patent

AB - A color picture tube is provided with a glass bulb in which the external surface of the effective display area of the face plate is formed substantially flat and a color selection mask, having the curvature projected toward the face plate, provided opposed to the internal surface of the face plate within the glass bulb. Therefore, the external surface is flat, the mechanical shock resistance characteristic is high, a tension can surely be applied to the color selection mask and moreover vibration of the color selection mask can be prevented even if external vibration is applied thereto.

1/1 LGST - (C) LEGSTAT

PN - US 6016028 [US6016028]

AP - US 914118/97 19970819 [1997US-0914118]

DT - US-P

ACT - 19970819 US/AE-A

APPLICATION DATA (PATENT)

{US 914118/97 19970819 [1997US-0914118]}

- 20000118 US/A

PATENT

- 20020416 US/RF

REISSUE APPLICATION FILED

20020118

UP - 2002-17

1/1 CRXX - (C) CLAIMS/RRX

AN - 3270134

PN - 6,016,028 A 20000118 [US6016028]

PA - Sony Corp JP

11/4/02

US 6,016,028

10/050537

PT - E (Electrical)
ACT - 20020118 REISSUE REQUESTED /
ISSUE DATE OF O.G.: 20020416
REISSUE REQUEST NUMBER: 10/050537
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2879

Reissue Patent Number:

UP - 2002-16
UACT- 2002-04-16

1/1 PAST - (C) Thomson Derwent -
AN - 200216-001807
PN - 6016028 A [US6016028]
DT - A (UTILITY)
OG - 2002-04-16
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

Search statement 7

?file inpadoc

Selected file: INPADOC

Search statement 6

?fam us6016028/pn

1 Patent Groups
** SS 6: Results 5

Search statement 7

?famstate nonstop

1/5 INPADOC - (C) INPADOC
PN - EP 825632 A1 19980225 [EP-825632]
TI - GLASS BULB FOR COLOUR PICTURE TUBE, AND SAID TUBE
LA - ENG
IN - IGUCHI YUKINOBU [JP]; UTSUMI ICHIRO [JP]; SAITA KOJI [JP]
PA - SONY CORP [JP]
AP - EP 97401955/97-A 19970820 [1997EP-0401955]
PR - JP 241364/96-A 19960823 [1996JP-0241364]
IC - H01J-029/86
DS - DE* FR* GB*

1/1 LEGALI - (C) LEGSTAT
PN - EP 825632 [EP-825632]
AP - EP 97401955/97 19970820 [1997EP-0401955]
DT - EP-P
ACTE- 19970820 EP/AE-A

11/4/02

US 6,016,028

10/050537

EP-APPLICATION

{EP 97401955/97 19970820 [1997EP-0401955]}

- 19980225 EP/AK-A1 [+]

DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:

DE FR GB

- 19980225 EP/A1 [+]

PUBLICATION OF APPLICATION WITH SEARCH REPORT

- 19981007 EP/17P [+]

REQUEST FOR EXAMINATION FILED

980811

- 19981104 EP/AKX [+]

PAYMENT OF DESIGNATION FEES

DE FR GB

- 19981104 EP/RBV [+]

DESIGNATED CONTRACTING STATES (CORRECTION):

DE FR GB

- 20020306 EP/RAP1

APPLICANT REASSIGNMENT (CORRECTION)

SONY CORPORATION

UP - 2002-10

2/5 INPADOC - (C) INPADOC

PN - JP 10064451 A2 19980306 [JP10064451]

TI - GLASS BULB FOR COLOR PICTURE TUBE, AND COLOR PICTURE TUBE

IN - IGUCHI YUKINOBU; UCHIUMI ICHIRO; SAIDA KOJI

PA - SONY CORP

AP - JP 241364/96-A 19960823 [1996JP-0241364]

PR - JP 241364/96-A 19960823 [1996JP-0241364]

IC - H01J-029/86; H01J-031/20

3/5 INPADOC - (C) INPADOC

PN - JP 2993437 B2 19991220 [JP2993437]

IN - IGUCHI YUKINOBU; UCHIUMI ICHIRO; SAIDA KOJI

PA - SONY CORP

AP - JP 241364/96-A 19960823 [1996JP-0241364]

PR - JP 241364/96-A 19960823 [1996JP-0241364]

IC - H01J-029/86; H01J-009/14; H01J-029/07

4/5 INPADOC - (C) INPADOC

PN - SG 54547 A1 19981116 [SG--54547]

TI - GLASS BULB FOR COLOR PICTURE TUBE AND THE SAME TUBE

IN - IGUCHI YUKINOBU; UTSUMI ICHIRO; SAITA KOJI

PA - SONY CORP

AP - SG 9703005/97-A 19970820 [1997SG-0003005]

PR - JP 241364/96-A 19960823 [1996JP-0241364]

IC - H01J-029/18

5/5 INPADOC - (C) INPADOC

PN - US 6016028 A 20000118 [US6016028]

TI - GLASS BULB FOR COLOR PICTURE TUBE AND THE SAME TUBE

IN - IGUCHI YUKINOBU [JP]; UTSUMI ICHIRO [JP]; SAITA KOJI [JP]

PA - SONY CORP [JP]

AP - US 914118/97-A 19970819 [1997US-0914118]

PR - JP 241364/96-A 19960823 [1996JP-0241364]

IC - H01J-029/80; H01J-029/10; H01J-031/00; H01J-061/30

11/4/02

US 6,016,028

10/050537

1/1 LEGALI - (C) LEGSTAT

PN - US 6016028 [US6016028]

AP - US 914118/97 19970819 [1997US-0914118]

DT - US-P

ACTE- 19970819 US/AE-A

APPLICATION DATA (PATENT)

{US 914118/97 19970819 [1997US-0914118]}

- 20000118 US/A

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- 20020416 US/RF

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